Period:- 01-11-2022 To 31-01-2023 (3 Months)

4th RA Bill No: BRNO-177 14/2/2023.

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

Date: SBRNO-177 14/2/2023.

Division: R.R Nagar Electrical

Sub- Division: R.R Nagar, Electrical

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No.

Name of Work (as per sanctioned estimate): Operation and maintenance of street lighting system in ward no-16, Package R1 of Rajarajeshwari Nagar Zone.

Name of Contractor and Full Adress: M/S Prema Electrical Enterprises Prop A N Premachandrababa No.134, Coconut Avenue Road, 8th Cross, Malleshwaram, Bangalore-560003.

Work order No : EE/ELE/RRN/W.O/01/2022-23 Dtd:01/04/2022
Reference to Agreement :01/2022-23 Dtd:01/04/2022

Budget Head: P0300
Job Code:016-22-000002

Certified that the measurements were taken by me on 01/02/2023 and recorded of page nos 372451 to 372455 of measurement Book No: 3725/22-23 and that the work is satisfactorily executed.

For PREMA ELECTRICAL ENTERPRISES Proprietor

Contractor

Proforma invoice - 3964960.
CGST @6% - 238200
SGST @6% - 238200

Officer in charge of work
JE (ELE)

Certified that the measurements were checked by me on 14/2/23 and found correct. The work is satisfactorily executed.

Citified that the quantities of materials shown in columns 3 of Account II have been actually brought to Site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in the connection with item for finished work have been agreed upon and normal agreement signed and executed by the contractor is recorded in the the office.

EE(Ele) 14/2/23

Sub-division Officer

II Memorandum of Payment

1) Total value of work done or supplies as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No.....
      Amount adjusted towards cash advance recovery of
   b) Payments cost store or other material supplied.
      Now made recovery amount creditable to this/ other work
      Amount paid on this bill cheque/cash
   c) Balance being unpaid value of work done held in reserve
5) Deduct cash advance made on the Office Cash Book Voucher No..... dated.....less adjustments
6) Net amount due to or from contractor
   Unadjusted items
7) Advance to contractor for materials brought to site (as detailed) within
   Value of Government materials supplied

TWD	1599835-00
Previous	756028-00
Present	444636-00
IT	44460-
CGST	3970-00
SGST	3970-00
LWC	4446-00
CBF	445
FSD	-
SCRAP	8893-00
FINE	600-00
T-DED	26770-00
NET	417866-00

FOR PREMA ELECTRICAL ENTERPRISES

Contractors Signature

Received Rs.....(in words)
.....
by cash and adjustment of payment as per memorandum
Witnesses :
1.
2.
Dated .....Signature of contractor
Paid by me by cheque No.....Dated .....
Cash Rs.....Dated.....

Passed for Rs. 444636-00 Only
Nett Cheque Rs. 417866-00 Only
Adjustment Rs. 26770 Only
(For use in the office)
In Words: Four lakhs Seventeen thowand eight hundred Sixty Six only.

Stamp

Accts Supd.
EE(E)
RRNZ
BCAP

Initials of Officer making payment

Executive Engineer (Ele)

4th RA Bill

Period 01/11/2022 to 31/01/2023 (3 Months)

A Operation and maintenance of street lighting system in ward no-16, Package R1 of Rajarajeshwari Nagar Zone.

	Items Grouped under sub Heads and sub works of the Estimate	Unit	Previous Measuremen		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
1	Part A Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 36/40 watt fluoroscent tube light street lighting systems.	Each	84	19192	0	57.12 x 3 Months	0.00	0	19192.00
2	Part A Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 125 watt HPMV park lighting systems.	Each	10	4411	10	63.02 x 3 Months	1891.00	10	6302.00
3	Part A Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 250 watt HPSV street light lighting systems.	Each	203	68980	0	84 95 X 3 Months	0.00	0	68980.00

	Items Grouped under sub Heads and sub works of the Estimate	Unit	Previous Measuremon		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
4	Part A Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 400 watt HPSV street light/high mast lighting systems.	Each	50	18634	0	93.17 X 3 Months	0.00	0	18634.00
5	Part A Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 65 watt LED street light lighting systems.	Each	200	133854	200	95.61 X 3 Months	57366.00	200	191220.00
6	Part A Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 90 watt LED street light lighting systems.	Each	100	80360	100	114.80 X 3 Months	34440.00	100	114800.00

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Items Grouped under sub Heads and sub works of the Estimate		Unit	Previous Measuremen		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
7	Part A Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 110/120 watt LED street light lighting systems.	Each	77	70766	77	131.29 X 3 Months	30328.00	77	101094.00
8	Part A Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 24 watt to 40 watt LED park/ street lightimng system lighting systems.	Each	701	359831	701	73.33 X 3 Months	154213.00	701	514044.00
	Total (A)			**756028**			**278238.00**		
9	Part B Supplying of Microprocessor Based Astronomical timer Switch	Each			3	2418	7254.00		**7254.00**
10	Part B Supplying of 4 Pole Power contactor with NO/NC Contactor 100-125 amps.	Each			2	4320	8640.00		**8640.00**
11	Part B Supplying of 4 Pole 100Amps 25kA Moulded Case Circuit Breaker(MCCB).	Each			2	3840	7680.00		**7680.00**
12	Part B Supplying of 50-63Amps DP Miniature Circuit Breakers	Each			2	813	1626.00		**1626.00**
13	Part B Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975. 4 core 16 sqmm.	Mtr			150	150	22500.00		**22500.00**
14	Part B Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. On wall /Structure. 6 sqmm to 16 sqmm	Mtr			140	30	4200.00		**4200.00**

	Items Grouped under sub Heads and sub works of the Estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
15	Part B Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility. 300mmx300mmx214mm	Each			10	3754	37540.00		37540.00
16	Part B Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics). Three pole 100amps 25KA	Each			10	4530	45300.00		45300.00
17	Part B Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40x40x6mm	Mtr			6	255	1530.00		1530.00
18	Part B Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminium strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/ DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 100Amps 4x30x6mm Aluminium Strips	Mtr			3	2050	6150.00		6150.00
19	Part B Supplying and fixing hylum plastic sheet 3mm thick with necessary nitches for fixing switches, regulators etc., and fixing on existing wood or metal box using N.F. screws.	Sq cm			6250	0.24	1500.00		1500.00
20	Part B Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 25 sqmm Long Barrel	Each			20	20	400.00		400.00

Items Grouped under sub Heads and sub works of the Estimate		Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
21	Part B Wiring for lighting/power circuit using one of PVC insulated 1100V grade, stranded Aluminium wire single core in open or concealed system of wiring. 10sqmm	Mtr			250	17	4250.00		4250.00
	TOTAL (B)						148570.00		
	Add 12% GST Part-B Only						17828.00		
	Part B Total						166398.00		
	Grand Total part A & Part B			756028			444636.00		1200664.00
Rupees Four Lakh Forty Four Thousand Six Hundred and Thirty Six Only									

Certifiacte:

1. Certified that work is Executed Satisfactorily.

B	Deductions.								
a	Deductions of 2% of monthly bill as per condition no(44) of Contract Agreement on account of Released scarp material			15121.00			8893.00		24014.00
b	Penalty as per condition no(25) of Contract Agreement for Failure to attend complaint in time, untimely switching ON/OFF of lights, day time burning of lights, shortfall in deployment of man power or Equipment.			9900.00			600.00		10500.00
	TOTAL (B)			25021.00			9493.00		34514.00

JE (Elec.)

AEE (Elc.)